

TABLE 3A DRIVERS IN FATAL AND INJURY COLLISIONS AND DRIVERS WHO WERE AT FAULT BY TYPE OF VEHICLE - 1998

TYPE OF VEHICLE	DRIVERS IN FATAL COLLISIONS			DRIVERS IN INJURY COLLISIONS		
	Total	At Fault	Percent At Fault	Total	At Fault	Percent At Fault
Passenger car	2,801	1,484	53.0	250,237	114,321	45.7
Passenger car with trailer	6	3	50.0	449	166	37.0
Motorcycle/scooter	206	137	66.5	6,009	3,124	52.0
Moped	1	1	100.0	55	30	54.5
Pickup or panel truck	1,152	546	47.4	75,550	35,129	46.5
Pickup or panel truck with trailer	54	21	38.9	2,730	1,251	45.8
Truck or truck tractor	107	27	25.2	3,661	1,901	51.9
Truck or truck tractor with trailer(s)	243	70	28.8	4,816	2,147	44.6
School bus	4	-	-	621	184	29.6
Other bus	30	8	26.7	1,415	430	30.4
Emergency vehicle	20	5	25.0	1,759	661	37.6
Highway construction equipment	1	-	-	35	18	51.4
Other	57	18	31.6	1,924	1,005	52.2
Not stated	5	3	60.0	21	10	47.6
TOTAL	4,687	2,323	49.6	349,282	160,377	45.9

TABLE 3B DRIVERS IN FATAL AND INJURY COLLISIONS BY AGE COMPARED TO LICENSED DRIVERS IN CALIFORNIA - 1998

AGE	Licensed Drivers			Drivers in Collisions Per 10,000 Licensed Drivers				Percent of Total Drivers		
	TOTAL	Male	Female	Fatal	Injury	Licensed Fatal	Drivers Injury	Licensed Drivers	Fatal Collisions	Injury Collisions
0 - 14	-	-	-	8	224	-	-	-	0.2	0.1
15 - 19	872,600	460,800	411,800	441	35,338	5	406	4.2	9.4	10.1
20 - 24	1,700,400	893,600	806,800	603	43,691	4	257	8.2	12.9	12.5
25 - 29	2,175,200	1,164,800	1,010,400	513	41,909	2	192	10.5	11.0	12.0
30 - 34	2,388,500	1,280,300	1,108,200	498	40,089	2	168	11.5	10.6	11.5
35 - 39	2,578,000	1,354,900	1,223,100	524	39,826	2	154	12.4	11.2	11.4
40 - 44	2,430,300	1,259,600	1,170,700	461	34,418	2	142	11.7	9.8	9.8
45 - 49	2,106,500	1,080,400	1,026,100	377	27,463	2	130	10.2	8.0	7.9
50 - 54	1,749,100	897,100	852,000	283	20,873	2	119	8.4	6.0	6.0
55 - 59	1,282,900	661,100	621,800	220	14,035	2	110	6.2	4.7	4.0
60 - 64	975,600	505,300	470,300	130	10,207	1	104	4.7	2.8	2.9
65 - 69	818,100	420,600	397,500	114	8,028	1	98	4.0	2.4	2.3
70 - 74	702,400	345,900	356,500	108	6,576	2	94	3.4	2.3	1.9
75 - 79	536,200	263,100	273,100	97	5,350	2	99	2.6	2.1	1.5
80 - 84	288,500	141,900	146,600	66	3,043	2	105	1.4	1.4	0.9
85 - 89	108,200	53,800	54,400	38	1,242	3	113	0.5	0.8	0.3
90 and over	23,000	12,400	10,600	10	355	5	178	0.1	0.2	0.1
Not stated	-	-	-	196	16,615	-	-	-	4.2	4.8
TOTAL	20,735,500	10,795,600	9,939,900	4,687	349,282	2	168	100.0	100.0	100.0

**TABLE 3C DRIVERS IN FATAL AND INJURY COLLISIONS AND DRIVERS WHO WERE AT FAULT BY SEX
BY AGE - 1998**

AGE	TOTAL	TOTAL DRIVERS					DRIVERS AT FAULT				
		Fatal		Injury		TOTAL	Fatal		Injury		
		Male	Female	Male	Female		Male	Female	Male	Female	
0-14	232	7	1	150	74	206	6	1	133	66	
15	483	6	1	266	210	350	5	1	200	144	
16	6,086	40	29	3,159	2,858	4,130	29	19	2,160	1,922	
17	8,391	63	22	4,610	3,696	5,326	46	15	2,995	2,270	
18	10,572	116	44	6,132	4,280	6,418	84	24	3,888	2,422	
19	10,247	85	35	5,950	4,177	5,857	55	24	3,599	2,179	
20	9,549	83	38	5,533	3,895	5,174	59	16	3,194	1,905	
21	9,351	99	31	5,491	3,730	4,991	62	17	3,082	1,830	
22	8,720	110	31	5,120	3,459	4,444	78	19	2,779	1,568	
23	8,488	88	23	4,959	3,418	4,094	38	12	2,564	1,480	
24	8,186	78	22	4,827	3,259	3,899	44	12	2,451	1,392	
25	8,100	87	23	4,814	3,176	3,828	47	9	2,411	1,361	
26	8,366	69	26	4,879	3,392	3,717	37	14	2,349	1,317	
27	8,720	79	35	5,099	3,507	3,838	34	19	2,410	1,375	
28	8,753	80	23	5,217	3,433	3,844	46	10	2,386	1,402	
29	8,483	68	23	5,019	3,373	3,695	40	12	2,299	1,344	
30	8,189	66	24	4,821	3,278	3,465	35	13	2,182	1,235	
31	7,877	69	26	4,596	3,186	3,304	32	10	2,009	1,253	
32	8,095	87	20	4,773	3,215	3,288	36	9	2,007	1,236	
33	8,193	69	25	4,747	3,352	3,384	37	13	2,006	1,328	
34	8,233	86	26	4,809	3,312	3,301	43	12	2,019	1,227	
35	8,387	79	27	4,837	3,444	3,353	30	11	2,059	1,253	
36	8,344	67	30	4,725	3,522	3,364	27	15	1,971	1,351	
37	8,219	83	29	4,674	3,433	3,303	39	15	1,988	1,261	
38	7,853	68	31	4,398	3,356	3,171	33	11	1,837	1,290	
39	7,547	79	31	4,229	3,208	2,962	33	9	1,782	1,138	
40	7,563	83	25	4,382	3,073	2,959	34	10	1,826	1,089	
41	7,332	80	14	4,106	3,132	2,837	32	7	1,648	1,150	
42	6,898	56	22	3,887	2,933	2,673	26	11	1,570	1,066	
43	6,654	81	28	3,785	2,760	2,599	41	9	1,509	1,040	
44	6,432	48	24	3,700	2,660	2,463	19	12	1,467	965	
45	6,191	78	15	3,526	2,572	2,342	31	3	1,390	918	
46	5,846	49	25	3,309	2,463	2,254	18	10	1,304	922	
47	5,387	41	17	3,036	2,293	2,038	14	6	1,231	787	
48	5,221	54	19	2,999	2,149	1,912	23	2	1,136	751	
49	5,195	61	18	3,060	2,056	1,858	22	5	1,149	682	
50	4,968	54	14	2,848	2,052	1,948	25	3	1,167	753	
51	5,075	53	15	2,918	2,089	1,961	22	7	1,148	784	
52	3,930	34	12	2,299	1,585	1,439	14	3	870	552	
53	3,589	28	13	2,147	1,401	1,369	16	4	825	524	
54	3,594	47	13	2,101	1,433	1,360	18	7	805	530	
55	3,395	37	14	2,026	1,318	1,305	13	4	807	481	
56	3,039	31	15	1,805	1,188	1,208	9	6	746	447	
57	2,781	32	8	1,652	1,089	1,058	13	2	620	423	
58	2,584	28	11	1,553	992	1,012	11	7	618	376	
59	2,456	34	10	1,515	897	985	7	4	613	361	
60-64	10,337	87	43	6,369	3,838	4,227	38	19	2,605	1,565	
65-69	8,142	69	45	4,978	3,050	3,704	33	16	2,251	1,404	
70-74	6,684	61	47	3,879	2,697	3,442	35	27	1,949	1,431	
75-79	5,447	67	30	3,077	2,273	3,103	39	20	1,685	1,359	
80-84	3,109	43	23	1,762	1,281	2,035	25	17	1,147	846	
85-89	1,280	29	9	726	516	894	20	7	503	364	
90 and over	365	9	1	215	140	253	8	1	151	93	
Not stated	16,811	190	6	14,810	1,805	10,756	89	2	9,738	927	
TOTAL	353,969	3,475	1,212	210,304	138,978	162,700	1,750	573	101,238	59,139	

TABLE 3D DRIVERS IN FATAL COLLISIONS BY AGE BY HOUR OF DAY - 1998

HOUR OF DAY	TOTAL	AGE											
		0-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Midnight - 12:59 A.M.	160	18	31	25	16	21	13	10	8	6	-	2	10
1:00 - 1:59	168	23	41	24	13	16	13	10	7	4	2	5	10
2:00 - 2:59	118	17	21	19	19	9	2	8	4	5	1	3	10
3:00 - 3:59	99	15	25	11	7	12	8	4	3	4	2	1	7
4:00 - 4:59	93	5	21	12	8	13	10	6	2	4	5	1	6
5:00 - 5:59	134	8	19	18	14	13	13	12	6	12	5	6	8
6:00 - 6:59	127	12	13	13	20	14	13	13	8	4	2	6	9
7:00 - 7:59	156	17	15	11	18	18	20	9	13	11	6	12	6
8:00 - 8:59	165	10	16	11	20	20	21	9	16	11	7	23	1
9:00 - 9:59	146	9	12	8	13	16	12	14	13	13	5	26	5
10:00 - 10:59	174	8	23	18	17	18	16	17	11	5	5	31	5
11:00 - 11:59	185	5	11	25	17	18	24	17	15	9	10	29	5
TOTAL A.M.	1,725	147	248	195	182	188	165	129	106	88	50	145	82

HOUR OF DAY	TOTAL	AGE											
		0-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Noon - 12:59 P.M.	218	20	14	20	31	18	18	22	14	8	4	43	6
1:00 - 1:59	242	16	16	25	28	36	32	19	17	15	5	30	3
2:00 - 2:59	291	32	24	28	23	31	35	23	24	19	9	41	2
3:00 - 3:59	268	24	27	21	23	32	37	24	16	13	12	36	3
4:00 - 4:59	251	25	27	30	29	24	21	18	21	13	6	29	8
5:00 - 5:59	311	23	40	39	34	(46)	32	20	23	8	14	23	9
6:00 - 6:59	255	18	32	31	30	32	20	22	10	14	6	29	11
7:00 - 7:59	256	26	29	21	33	32	24	27	13	13	7	16	15
8:00 - 8:59	233	27	41	22	24	17	23	23	8	3	6	21	18
9:00 - 9:59	207	36	29	20	21	16	15	22	13	10	4	7	14
10:00 - 10:59	208	31	33	34	17	22	19	17	7	9	3	3	13
11:00 - 11:59	185	20	41	21	20	25	16	7	7	6	3	10	9
TOTAL P.M.	2,925	298	353	312	313	331	292	244	173	131	79	288	111
Unknown	37	4	2	6	3	5	4	4	4	1	1	-	3
TOTAL	4,687	449	603	513	498	524	461	377	283	220	130	433	196

() Highest hour and age group

TABLE 3E DRIVERS IN INJURY COLLISIONS BY AGE BY HOUR OF DAY - 1998

HOUR OF DAY	TOTAL	AGE												
		0-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated	
Midnight - 12:59 A.M.	4,307	749	831	638	500	395	309	235	147	95	50	56	302	
1:00 - 1:59	3,610	532	817	592	432	337	248	160	107	53	31	35	266	
2:00 - 2:59	3,386	396	820	613	405	317	239	124	78	40	35	35	284	
3:00 - 3:59	1,800	233	425	309	209	149	136	83	57	35	19	19	126	
4:00 - 4:59	1,719	189	314	247	200	194	140	110	89	68	27	46	95	
5:00 - 5:59	3,723	219	470	476	499	488	418	317	256	161	108	106	205	
6:00 - 6:59	8,372	529	1,029	1,078	1,104	1,056	970	772	587	388	209	277	373	
7:00 - 7:59	19,103	1,842	2,091	2,414	2,410	2,435	2,213	1,682	1,258	752	478	756	772	
8:00 - 8:59	18,723	1,226	2,011	2,410	2,450	2,495	2,126	1,687	1,265	749	540	1,113	651	
9:00 - 9:59	14,570	910	1,498	1,695	1,704	1,796	1,548	1,184	986	668	536	1,573	472	
10:00 - 10:59	15,558	1,070	1,618	1,601	1,685	1,789	1,576	1,326	1,055	739	636	1,946	517	
11:00 - 11:59	18,544	1,513	2,065	2,023	2,060	2,060	1,814	1,530	1,174	853	703	2,116	633	
TOTAL A.M.	113,415	9,408	13,989	14,096	13,658	13,511	11,737	9,210	7,059	4,601	3,372	8,078	4,696	

HOUR OF DAY	TOTAL	AGE												
		0-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated	
Noon - 12:59 P.M.	22,772	2,257	2,547	2,533	2,480	2,480	2,220	1,788	1,464	1,028	763	2,375	837	
1:00 - 1:59	21,773	2,025	2,511	2,435	2,393	2,347	2,122	1,735	1,399	940	745	2,241	880	
2:00 - 2:59	25,551	2,765	2,959	2,770	2,766	2,760	2,429	1,954	1,612	1,110	866	2,462	1,098	
3:00 - 3:59	30,113	3,350	3,437	3,230	3,267	3,490	3,051	2,434	1,862	1,258	1,007	2,405	1,322	
4:00 - 4:59	28,791	2,921	3,363	3,260	3,318	3,360	2,828	2,360	1,904	1,226	921	2,068	1,262	
5:00 - 5:59	31,976	3,212	3,950	(3,957)	3,754	3,793	3,253	2,643	1,876	1,349	912	1,784	1,493	
6:00 - 6:59	23,443	2,523	3,012	2,802	2,702	2,726	2,274	1,944	1,363	943	617	1,223	1,314	
7:00 - 7:59	15,230	1,846	2,090	2,071	1,747	1,651	1,403	1,077	784	544	323	708	986	
8:00 - 8:59	11,275	1,522	1,706	1,408	1,256	1,241	1,015	787	534	326	229	474	777	
9:00 - 9:59	10,302	1,514	1,585	1,383	1,110	1,019	862	644	470	305	218	378	814	
10:00 - 10:59	8,358	1,310	1,399	1,079	894	846	692	551	308	249	148	245	637	
11:00 - 11:59	6,093	888	1,123	864	724	581	516	323	232	153	82	139	468	
TOTAL P.M.	235,677	26,133	29,682	27,792	26,411	26,294	22,665	18,240	13,808	9,431	6,831	16,502	11,888	
Unknown	190	21	20	21	20	21	16	13	6	3	4	14	31	
TOTAL	349,282	35,562	43,691	41,909	40,089	39,826	34,418	27,463	20,873	14,035	10,207	24,594	16,615	

 Highest hour and age group.

TABLE 3F VEHICLES IN FATAL AND INJURY COLLISIONS BY VEHICLE MAKE 1990 - 1994 - 1998

VEHICLE MAKE	1990		1994		1998		Percent of Total
	Fatal	Injury	Percent of Total	Fatal	Injury	Percent of Total	
American Motors	109	5,666	1.3	115	5,045	1.3	50
Buick	180	12,767	2.9	148	9,817	2.6	85
Cadillac	120	8,546	1.9	109	7,204	1.9	64
Chevrolet	975	59,283	13.4	840	49,235	12.9	629
Chrysler	72	4,954	1.1	57	5,039	1.3	73
Dodge	290	17,564	4.0	267	15,372	4.0	229
Ford	1,055	63,786	14.5	914	58,939	15.4	827
GMC	-	-	-	-	-	-	104
Lincoln	40	2,717	0.6	31	2,537	0.7	38
Mercury	119	9,062	2.1	116	7,663	2.0	77
Oldsmobile	204	14,366	3.3	183	11,548	3.0	105
Plymouth	116	7,620	1.7	86	6,583	1.7	78
Pontiac	153	11,889	2.7	121	9,144	2.4	88
Saturn	-	-	-	-	-	-	28
Other Domestics	226	15,092	3.4	210	14,529	3.8	71
Acura	-	-	-	-	-	-	50
Audi	20	1,403	0.3	6	864	0.2	3
BMW	42	3,941	0.9	39	3,946	1.0	43
Datsun/Nissan	476	35,439	8.0	365	28,963	7.5	276
Fiat	7	497	0.1	-	173	*	36
Honda	271	24,377	5.5	328	28,893	7.5	307
Hyundai	-	-	-	-	-	-	38
Lexus	-	-	-	-	-	-	13
Mazda	146	10,721	2.4	148	10,611	2.8	114
Mercedes-Benz	41	4,071	0.9	37	4,065	1.1	40
Mitsubishi	-	-	-	-	-	-	58
Porsche	13	879	0.2	8	553	0.1	4
Subaru	41	2,667	0.6	28	2,033	0.5	24
Toyota	688	49,242	11.1	592	47,093	12.2	490
Volkswagen	188	13,814	3.1	111	8,932	2.3	80
Volvo	36	3,847	0.9	31	3,664	0.9	18
Other Foreign	300	22,204	5.0	203	16,730	4.3	75
Miscellaneous	1,286	34,224	7.9	867	23,578	6.3	699
Not stated	24	812	0.2	19	950	0.3	25
TOTAL	7,238	441,450	100.0	5,979	383,703	100.0	4,903
<i>* Less than 0.1 percent</i>							

TABLE 3G DRIVERS IN FATAL AND INJURY COLLISIONS BY TYPE OF COLLISION BY MOVEMENT PRECEDING COLLISION - 1998

Driver Movement Preceding Collision	Total	Head-On	Type	O/F	COLLISION		Over-turned	Auto/Pedestrian	Other
			Side-swipe	Rear End	Broad-side	Hit Object			
Stopped	56,400	740	1,513	48,224	4,036	365	55	316	1,151
Proceeding straight	185,049	10,176	14,216	61,143	69,615	11,943	2,276	8,558	7,122
Ran off road	13,076	98	118	220	123	9,970	2,133	82	332
Making right turn	9,600	284	1,029	1,594	1,751	545	126	1,615	2,656
Making left turn	37,188	5,288	1,990	1,406	24,195	936	213	1,618	1,542
Making U turn	2,515	92	251	169	1,802	79	23	27	72
Backing	1,987	32	85	312	383	94	5	554	522
Slowing - stopping	19,352	153	465	17,169	521	370	147	216	311
Passing other vehicle	1,808	134	571	217	446	195	63	70	112
Changing lanes	8,557	66	3,657	2,306	564	1,498	269	45	152
Parking maneuver	206	4	30	59	23	20	2	42	26
Entering traffic from shoulder, median, parking strip or private drive	5,361	170	588	324	3,368	82	32	157	640
Other unsafe turning	2,814	140	316	409	285	1,213	305	57	89
Crossed into opposing lane	2,599	1,350	535	43	326	225	60	25	35
Merging	653	9	168	268	87	69	14	14	24
Traveling wrong way	468	241	62	11	60	62	5	10	17
Other	5,081	67	504	564	323	2,916	416	114	177
Not stated	1,255	59	88	494	266	75	9	98	166
TOTAL	353,969	19,103	26,186	134,932	108,174	30,657	6,153	13,618	15,146